

Appl. No. 09/911,177
Amdt. dated September 10, 2004
Reply to Office Action of June 28, 2004

Amendments to the Claims:

Listing of Claims:

1. (Currently Amended) A shaped article of manufacture comprising a polymer composition comprising a propylene polymer having a melt flow index in the range from 4 to 120 decigrams/minute, di-t-amyl peroxide, and at least one decomposition product of said peroxide t-amyl alcohol, wherein said article is selected from the group consisting of articles for food contact and articles for medical applications, whereby said composition article has agreeable odor characteristics.
2. (Currently Amended) The composition article of claim 1 wherein the propylene polymer is selected from the group consisting of homopolymeric polypropylene and copolymers of propylene with other copolymerizable monomers wherein greater than about 50% by weight of the copolymer is comprised of propylene moieties.
3. (Currently Amended) The composition article of claim 2 wherein the propylene polymer is homopolymeric polypropylene.
4. (Currently Amended) The composition article of claim 2 wherein the propylene polymer is a copolymer of propylene and at least one comonomer selected from the group consisting of ethylene, butylene, and 4-methyl-pentene-1.

Appl. No. 09/911,177
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5. (Canceled)

6. (Currently Amended) The ~~composition~~ article of claim 1 wherein the di-t-amyl peroxide is present in a range of from 200 to 2000 parts by weight per million parts by weight of the propylene polymer.

7. (Currently Amended) A method of manufacturing a shaped article comprising the steps of:

- A) mixing a propylene polymer having a melt flow index in the range from 1 to 20 decigrams/minute with a vis-breaking amount of di-t-amyl peroxide,
- B) heating the mixture at a temperature effective to decompose the di-t-amyl peroxide until the melt flow index is in the range of from 4 to 120 decigrams/minute, and
- C) shaping an article comprising a mixture comprising the propylene polymer having a melt flow index in the range from 4 to 120 decigrams/minute, di-t-amyl peroxide, and ~~decomposition products of said peroxide~~ t-amyl alcohol, wherein said article is selected from the group consisting of articles for food contact and articles for medical applications, whereby said article has agreeable odor characteristics.

8. (Original) The method of claim 7 wherein the propylene polymer is selected from the group consisting of homopolymeric polypropylene and copolymers of propylene with other copolymerizable monomers wherein greater than about 50% by weight of the copolymer is

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comprised of propylene moieties.

9. (Original) The method of claim 8 wherein the propylene polymer is homopolymeric polypropylene.

10. (Original) The method of claim 8 wherein the propylene polymer is a copolymer of propylene and at least one comonomer selected from the group consisting of ethylene, butylene, and 4-methyl-pentene-1.

11. (Canceled)

12. (Original) The method of claim 7 wherein the di-t-amyl peroxide is present in a range of from 200 to 2000 parts by weight per million parts by weight of the propylene polymer.

13. (Canceled)

14. (New) The article of claim 1 wherein said article is selected from the group consisting of packaging films, candy wrappers, bottles and containers for foods, bottles and containers for pharmaceuticals, and medical syringes.

Appl. No. 09/911,177
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15. (New) The article of claim 1 wherein said article has a high surface to volume ratio.
16. (New) The article of claim 15 wherein said article is a film.
17. (New) The method of claim 7 wherein said article is selected from the group consisting of packaging films, candy wrappers, bottles and containers for foods, bottles and containers for pharmaceuticals, and medical syringes.
18. (New) The method of claim 7 wherein said article has a high surface to volume ratio.
19. (New) The method of claim 18 wherein said article is a film.